



Dr. Fixit Leak Plug

RAPID SETTING WATERPROOF PLUG

Description

Dr. Fixit Leak Plug is a fast setting, hydraulic cement based compound that expands on setting and instantly stops running water or seepage through masonry surfaces. **Dr. Fixit Leak Plug** includes "Crystalline" technology, creating a permanently active waterproofing treatment.

Typical Applications

- Water cut off.
- Surfacing sealing of joints and cracks.
- Pipe jointing.
- Sealing of pipe and cable entries.

Features

- Seals leaks.
- Withstands hydrostatic pressure.
- Non - shrink.
- Rapid setting.
- Works under water.
- Suitable for concrete, brick, stone and clay pipes.
- Crystalline technology built in.

Packaging

20 kg bucket

Method of Application

1 SUBSTRATE PREPARATION

- Always dovetail or cut square areas to be treated with Dr. Fixit Leak Plug. Do not apply to a 'V' cut. Open hole or crack to a minimum depth and width of 20 mm and clean away all loose material, dust and debris.

2 APPLICATION TO SEAL FLOWING WATER

- Mix the Dr. Fixit Leak Plug with sufficient water to form a mouldable material using a gloved hand. Hold the material until you feel it getting hot.
- Force it into the hole or into the top of the crack, hold it in place until it sets (approx. 70 seconds).
- If filling a crack repeat until all the crack is filled.

3 APPLICATION TO SEAL FLOOR/WALL JOINTS

- Cut back the joint at least 20 mm wide and deep into both the slab and wall.
- Clean out all the dust and debris. Force Dr. Fixit Leak Plug into the cut out area and then form a 45 fillet at the wall/floor junction.

4 APPLICATION TO REPAIR LEAKING MORTAR JOINTS AND CRACKS IN CONCRETE OR MASONRY

- Cut back the defective mortar or the crack to a minimum depth and width, dovetail if possible.
- Apply Dr. Fixit Leak Plug to crack or joint, allow to set.
- Keep product wet for minimum 15 min. after initial set.

5 APPLICATION TO REPAIR HOLES, HONEYCOMBING AND CAST CONCRETE DEFECTS

- Remove any tie wires or other contaminants and cut back to 20-25 mm, dovetail if possible.
- Mix Dr. Fixit Leak Plug to a mortar consistency. Apply to defects, allow to set.
- Keep product wet for minimum 15 min. after initial set.

Note: Dr. Fixit Leak Plug can also be used for rapid anchoring of bolts, metal posts and connecting bars, however a minimum of 6 hours must elapse before any stress is applied to the product.

Leak Plug 08/02/17



Note:

- In very high temperatures iced water should be used to give sufficient working time.
- Keep the product out of direct sunlight.

Technical Information

Size of Aggregate	0 - 0.6 mm
Water Requirement	22% approx
Pot Life	70 sec.
VOC Content	Nil

Determination of Water Permeability BSEN 12390 Part 8:2000

Control Specimen (without surface coating)				Test Specimen (with surface coating LEAK PLUG)		
Specimen ID	1	2	3	4	5	6
Maximum depth of Water penetration (mm)	4	3	3	Nil	Nil	Nil
Mean maximum depth of Water penetration (mm)	3			Nil		

Test Description	Unit	Test Method	Age/ Days	Specimen Results			Average
				1	2	3	
Compressive Strength	(N/mm ²)	BS 6319-2	28	43.50	34.20	33.30	37

Note: The above technical information is based on controlled laboratory conditions.

Theoretical Coverage

20 kg produces approx. 12 litres of mixed product. Yield and coverage may vary slightly depending on the ambient weather and site conditions.

Storage

When stored in dry conditions in original unopened packaging this product has a shelf life of 12 months. Storage above 35°C and high humidity (above 50%) will reduce shelf life and product performance.

Health and Safety

This products contains cement, and contact with skin may cause irritation. It should not be inhaled, and a properly designed and maintained face mask should be used whilst handling, pouring and mixing the powder. Avoid contact with the product by working carefully, using a barrier cream and wearing protective gloves. If any contact does occur, wash thoroughly with soap and water. Use eye protection. Avoid contact with eyes, if such contact occurs irrigate with water for 20 minutes and seek medical advice. If mistakenly ingested, drink plenty of clean water and seek medical advice. See MSDS for further information.



Pidilite MEA Chemicals L.L.C offers a wide range of Structural Protection and Waterproofing systems:



WATERPROOFING



CONCRETE & STRUCTURAL REPAIR



CRACKFILL & SEALANTS



BONDING AGENTS



SURFACE PLASTERS



GROUTS & ANCHORS



MORTARS



MARBLE & STONE PROTECTION



PERFORMANCE FLOORING



UNDERLAYMENTS



SPECIALITY CONSTRUCTION PRODUCTS



TILE ADHESIVES & GROUTS



Pidilite MEA Chemicals LLC

PO Box 120657

Dubai, United Arab Emirates

T +971 4 884 9880 F +971 4 884 9879

Web: www.pidilitemea.com

DISCLAIMER The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.